

Please replace the Abstract of the Disclosure with the following amended

Abstract of the Disclosure:

~~A face detection and tracking system and method by which a plurality of faces can be detected and tracked in real time are provided. The face detection and tracking system for detecting and tracking a plurality of faces in real time from an input image comprises:~~ a background removing unit which extracts an area having a motion by removing ~~the~~ a background image from the input image; a candidate area extracting unit which extracts a candidate area in which a face can be located in the area having a motion~~[[,]]~~ by using a skin color probability map (P_{skin}) generated from a face skin color model and ~~the~~ a global probability map (P_{global});~~[[,]]~~ a face area determination unit which extracts ~~independent component analysis (ICA) features~~ from a candidate area and determines whether ~~or not~~ the candidate area is a face area by using ~~the~~ a trained SVM classifier; and a face area tracking unit which tracks ~~[[a]]~~ the face area according to a directional kernel indicating a probability that a face is located in a next frame~~[[,]]~~ based on the skin color probability map.